

**2023**

**Lista capitole de carte/carti editate in strainatate**

Papa, F.; **Vasile, A.** and Dobrescu, G. Eds. Published: February 2023, Effect of the Modification of Catalysts on the Catalytic Performance, <https://doi.org/10.3390/books978-3-0365-6726-6>, MDPI, ISBN 978-3-0365-6727-3 (hardback); ISBN 978-3-0365-6726-6 (PDF), Basel, Switzerland, Nr. pagini: 206 (Carte editata in strainatate, Guest Editors);

Gheorghe, D.; Ozon, E.A.; **Musuc, A.M.** Comparative analysis of structure - activity relationships of methyl- $\beta$ -cyclodextrin and hydroxypropyl- $\beta$ -cyclodextrin inclusion complexes with some drugs, X International Scientific Conference «ACTUAL PROBLEMS OF SOLID-STATE PHYSICS» (APSSP-2023) May 22-26, 2023, Minsk (Belarus). Actual Problems of Solid-State Physics: [Electronic resource]: proc. book X Intern. Scient. Conf., Minsk, 22-26 May, 2023 / SSPA «Scientific-Practical Materials Research Centre of NAS of Belarus»; ed.: V. M. Fedosyuk (chairman) [et al.]. – Minsk: Publisher A. Varaksin, 2023. – 1 electronic optical disc (CD-ROM). ISBN 978-985-7202-53-09, pp. 432-435.

**Musuc, A.M.;** Vasile, B. S. Chapter 6 - Therapeutic polymer gel system in neural tissue engineering, Editor(s): Oguzhan Gunduz, Cem Bulent Ustundag, Mustafa Sengor, In Woodhead Publishing Series in Biomaterials, Biomaterials for Neural Tissue Engineering, Woodhead Publishing, 2023, Pages 151-172, ISBN 9780323905541, <https://doi.org/10.1016/B978-0-323-90554-1.00014-8>.

**Lucrari publicate in reviste clasificate ISI/Papers in ISI ranked journals**

Anastasescu, C.; Neagu, S.\*; Preda, S.; Culita, D.; Stancu, M.; Banciu, C.; **Munteanu, C.;** **Bratan, V.;** Calderon-Moreno, J.M.; State, R.; Anastasescu, M.\*; Enache, M.; Balint, I.; Zaharescu, M. Antibacterial Activity of ZnSe, ZnSe-TiO<sub>2</sub> and TiO<sub>2</sub> Particles Tailored by Lysozyme Loading and Visible Light Irradiation, Antioxidants, 2023, 12(3), 691. <https://doi.org/10.3390/antiox12030691>. (FI = 7.0).

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#### **Lucrari publicate in Proceedings**

**Chelu, M.\***; **Musuc A.M.\*** Natural Biological Macromolecules for Designing Hydrogels as Health Care and Anti-aging Solutions. *Eng. Proc.* 2023, 56, 158. <https://doi.org/10.3390/ASEC2023-16519>.

#### **Lucrari publicate in reviste non-ISI**

Paduraru, A. V.; **Musuc, A.M.**; Oprea, R O. C.; Trusca, R.; Surdu, V.-A.; Vasile, B. S.; Andronescu, E. Structural and morphological characterization of Erbium doped hydroxyapatite for medical imaging, *U.P.B. Sci. Bull., Series B*, 2023, 85(4), 187-200.